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RETURN RECEIPT REQUESTED

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March 15, 1995

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Commissioner
Minnesota Department of Health
717 Delaware Street S.E.
P.O. Box 9441
Minneapolis, MN 55440

RE: United States of America, et al. vs. Reilly Tar & Chemical Corporation, et al.
File No. Civ. 4-80-469, CD-RAP Section 10.1 and 10.2

Gentlemen:

Please find enclosed a report on multi-aquifer well investigations submitted on behalf of the
City of St. Louis Park.

If you have any questions or comments regarding this submittal, please contact me.

Sincerely,

William M. Gregg
Project Leader for the
City of St. Louis Park

K-07
3/15/95



REPORT FOR LEAKING DEEP
MULTI-AQUIFER WELLS AND
ST. PETER AQUIFER MULTI-
AQUIFER WELLS

**REPORT FOR LEAKING DEEP
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AQUIFER WELLS**

**REPORT FOR LEAKING DEEP MULTI-AQUIFER WELLS
AND
ST. PETER AQUIFER MULTI-AQUIFER WELLS**

SUBMITTED TO THE

**REGIONAL ADMINISTRATOR
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

**EXECUTIVE DIRECTOR
MINNESOTA POLLUTION CONTROL AGENCY**

**COMMISSIONER
MINNESOTA DEPARTMENT OF HEALTH**

BY

THE CITY OF ST. LOUIS PARK, MINNESOTA

**PURSUANT TO
REMEDIAL ACTION PLAN
SECTIONS 10.1 AND 10.2**

UNITED STATES OF AMERICA, ET AL.

vs.

REILLY TAR AND CHEMICAL CORPORATION, ET AL.

**UNITED STATES DISTRICT COURT
DISTRICT OF MINNESOTA
CIVIL NO. 4-80-469**

MARCH 15, 1995

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1.0 INTRODUCTION

This report presents the results of investigations conducted pursuant to Sections 10.1 and 10.2 of the Consent Decree-Remedial Action Plan (CD-RAP) for the Reilly Tar & Chemical Corporation Site (Reilly Site) in St. Louis Park, Minnesota. The investigations were done to determine if multi-aquifer wells (MAW) are spreading contamination (i.e. polynuclear aromatic hydrocarbons from Reilly's former activities at the Site) to deep aquifers (CD-RAP Section 10.1) or to the St. Peter Aquifer (CD-RAP Section 10.2). Work plans for the CD-RAP Sections 10.1 and 10.2 investigations were submitted to U.S. Environmental Protection Agency, Minnesota Pollution Control Agency, and the Minnesota Department of Health (the Agencies) and were approved by the Agencies in February 1994.

MAW have historically played an important role in the distribution and migration of surficial aquifer contamination to deeper aquifers. During the time period from approximately 1978 to 1982, known MAW were investigated and/or sealed by the Minnesota Department of Health. However, in 1983, a door to door survey revealed a number of wells or "suspected wells" for which little or no information was available (Hickok, 1983). Based on the lack of information, it was not possible to conclude that all of the problem MAW had been sealed.

The purpose of this investigation was to re-visit the identified well sites to collect information to determine if any additional wells require proper abandonment. The wells listed in Tables 1-1 and 1-2 are reproduced from the CD-RAP Section 10.1 and 10.2 Work Plans, respectively, and represent approximately 390 wells or suspect wells requiring investigation.

TABLE 1-1
Possible MAWs

Unique Well #	Owner	Location
216071	Northland Aluminum	3245 Raleigh
216091	NON-RESPONSIVE	
216104	Interior Elevator	Salem and R.R. tracks
216106		Oxford and Dakota
216128	Interior, Elevator	
232514	Nelson House/Carney	6006 Excelsior
232515		6305 Cambridge
232516		6314-18 Cambridge
232518	S & S Welding	6506 Cambridge
232519	S & S welding	6510 Cambridge
232521	Viking Soap & Chemical	6529 Cambridge
232539	Warner Hardware	5025 Excelsior
232540	Ostund Jewelry	5405 Excelsior
232541	Woodale Office Bldg.	5407 Excelsior
232542	NON-RESPONSIVE	
232543	Brent Displays	5807 Excelsior
232548	Copper Sales, Inc	2220 Florida Ave
232556	NON-RESPONSIVE	
232557		
232558		
232571	NON-RESPONSIVE	
232574		
232579		
232582	NON-RESPONSIVE	
232595		

TABLE 1-1**Possible MAWs**

Unique Well #	Owner	Location
232598	Home Hardware	6414 W. Lake St.
232605	NON-RESPONSIVE	
232606		
232607		
232615	Standard Plumbing	8015 Minnetonka Blvd
232617	NON-RESPONSIVE	
232618		
232619		
232620		
232623		
232648	Prestige Lincoln	6629 Wayzata Blvd
232649	Baker Properties	7075 Wayzata Blvd
232650	NON-RESPONSIVE	
232651		
232660	Consumer Brokers	3521 Webster Ave.
232661	NON-RESPONSIVE	
232669		
232670		
232681		
232683	Pic-A-Pop	3550 Brunswick
	H. J. Shotwell Co.	5721 W. 36th St
232707	NON-RESPONSIVE	
232741		
232751		
232760		
232771		

TABLE 1-1
Possible MAWs

Unique Well #	Owner	Location
232780	NON-RESPONSIVE	
232791		
232810	Ace Mfg., Inc.	3825 Edgewood
232862	NON-RESPONSIVE	
232896		
232904		
232908		
232920		
232950		
232951		
232972		
232981		
232988		
232992		
233321		
233324		
233325		
233329		
233339		
233346		
233355		
223773		

Table 1-2

LIST OF POTENTIAL ST. PETER AQUIFER MAW

Minnesota Geological Survey Unique Well Number

200538	232519	232610	232683	232772	232811	232884	232910	232984	233341
208451	232521	232611	232684	232773	232814	232885	232911	232971	233342
216029	232532	232612	232685	232774	232815	232886	232912	232972	233344
216055	232539	232613	232686	232775	232817	232887	232914	232977	233345
216057	232540	232617	232688	232776	232818	232888	232915	232981	233346
216062	232541	232618	232695	232777	232819	232869	232916	232982	233347
216064	232542	232619	232701	232778	232821	232870	232917	232988	233348
216071	232543	232620	232702	232779	232823	232871	232918	233308	233349
216074	232549	232621	232703	232780	232825	232873	232919	233309	233351
216075	232550	232622	232707	232781	232826	232874	232920	233311	233352
216078	232564	232623	232741	232782	232827	232875	232921	233312	233353
216079	232565	232624	232742	232783	232828	232877	232922	233313	233354
216089	232568	232628	232744	232784	232831	232878	232923	233314	233355
216090	232569	232631	232745	232786	232833	232880	232924	233317	233356
216091	232575	232632	232746	232787	232837	232881	232926	233318	233357
216102	232576	232633	232747	232788	232839	232882	232927	233319	233358
216105	232582	232634	232748	232789	232841	232883	232932	233320	233359
216106	232587	232640	232749	232790	232842	232885	232933	233321	233360
218162	232589	232641	232750	232791	232843	232889	232934	233323	233362
222944	232590	232642	232751	232793	232844	232890	232935	233324	233364
227901	232591	232643	232752	232794	232845	232892	232936	233325	233365
227961	232592	232645	232753	232795	232846	232893	232937	233326	
231689	232595	232650	232757	232798	232847	232894	232938	233328	
232501	232597	232651	232759	232797	232848	232895	232940	233329	
232502	232598	232656	232760	232798	232849	232896	232946	233331	
232503	232599	232657	232761	232799	232850	232900	232947	233332	
232511	232601	232660	232762	232800	232851	232901	232948	233334	
232512	232602	232661	232764	232803	232852	232902	232949	233335	
232513	232604	232663	232766	232804	232855	232903	232950	233336	
232514	232605	232674	232767	232805	232856	232904	232952	233337	
232515	232606	232677	232769	232808	232859	232905	232956	233338	
232516	232607	232680	232770	232809	232861	232906	232961	233339	
232518	232609	232681	232771	232810	232862	232908	232962	233340	

2.0 STUDY METHODOLOGY

A database was created to compile information about the 390 wells. Appendix A contains the completed database. Information about the wells were derived through a series of steps designed to contact well owners and ultimately provide access to the wells:

Step 1: Well location confirmation/identification

City records were used to check the address and current property owners of the wells. In some cases, addresses given by Hickok (1983) were found not to exist and no evidence of a well or a well owner was found in this investigation.

Step 2: House visit

The City of St. Louis Park staff visited each house on the database. Homeowners were asked if they were aware of a well on the property. If the reply was yes, an investigation was conducted and recorded on the database. If no, city staff conducted a search of the property for any wells and the results were recorded on the database. For each of the homes in which entrance was not gained and no one was home, a letter with a postage-paid postcard was left to enable the respondents to indicate the status of any wells on their property. A copy of the letter and postcard is shown in Figure 2-1. Contacts were made with approximately 140 well owners as a result of this initial house visit.

Step 3: Update database

As responses to the initial contact were received, pertinent information was entered into the database. Also, a list of non-responsive well owners was compiled.

Step 4: Re-contact well owners

A second visit was made to all homeowners who had not responded to the initial visit. The city staff worked evening shifts in an effort to improve the likelihood of contacting the homeowners, and completing the investigation. The data received was entered into the database. The homes visited which entrance was not gained and no one was home, a letter with a postage-paid postcard was left again.

May 10, 1994

Dear Property Owner:

The City of St. Louis Park has reason to believe there is an old water well on your property. The State of Minnesota requires the City to confirm the existence of your well and further investigate the well to determine the deepest possible depth from which the well may draw water. If you are unsure as to whether or not a well exists on your property, the City would like to conduct a brief visual search of likely locations where a well may be present. The City would also appreciate obtaining copies of any documentation of well drilling, maintenance, repair, abandonment, or use that you may have.

To aid the City in this endeavor, please answer the questions on the attached prepaid postcard to the best of your ability and return. Thank you for your cooperation.

Sincerely,

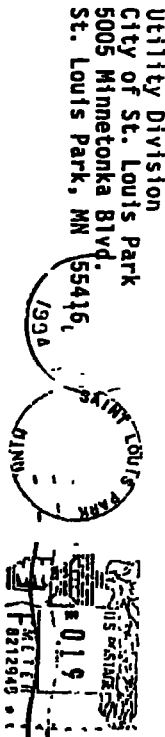


Scott E. Anderson
Superintendent of Utilities

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Utility Division
City of St. Louis Park
5005 Minnetonka Blvd.
St. Louis Park, MN 55416

Utility Division
City of St. Louis Park
5005 Minnetonka Blvd.
St. Louis Park, MN 55416



Name _____

Address _____

Phone _____

Yes No

1. Is there a water well on your property?

2. Is there more than one well on your property?

3. Is there a sealed (filled with cement & abandoned) well on your property?

4. Do you have any documentation concerning your well or wells?

5. When is the best time to contact you regarding searching for a well on your property and/or inspecting your well?

ENSR

ENSR Consulting and Engineering

FIGURE 2-1

DROP-OFF CARD FOR PROPERTY OWNER CONTACTS

St. Louis Park, Minnesota

DRAWN. JRC	DATE: March 9, 1995	PROJECT NO	REV
FILE NO.	CHECKED. WMG	1620-013-500	0

Again, for each home visited where no homeowner contact was made, and no one was home to inquire about wells on site, the same letter and postage-paid postcard (Figure 2-1) were left to encourage a response from the homeowner. Approximately 20 additional contacts were made during this phase of re-contacting the well owners.

Step 5: Follow-up contacts and database update

Based on responses received, some of the target wells could be eliminated from further investigation due to the fact that the well had been sealed since the 1983 survey, the well did not exist, or other reasons provided by the well owner. Other responses invited an on-site inspection to develop well information to update the database. These activities were conducted while waiting for additional response cards from the well owners.

Step 6: Final well owner contact

After the second phase of home visits, approximately 180 percent of the well owners had still not responded. A third and final attempt to contact the well owners was made by telephone during daytime, evening and weekend hours. Another 30 well owners were contacted during this activity.

All of the information obtained from well owners and City records was entered into the database shown in Appendix A. Appendix A indicates the wells for which none of the three attempts to contact the well owners were successful. The results of the investigations are discussed in the following sections.

3.0 DEEP MAW INVESTIGATION RESULTS

A review of the database (Appendix A) indicates the following information from the 72 wells that were identified in the Work Plan as potential deep MAW:

- 30 "wells" were given addresses that have no physical location, thus cannot be investigated (e.g. "suspect wells" identified by Hickok, 1983)
- 27 wells were identified by the well owners as being sealed, inaccessible, or reportedly do not exist (e.g. well owner states that there is no well on property)
- 13 wells for which no response was received from the owners, thus cannot be investigated
- 1 well (MN unique number 232595) was found to be only 110 feet deep
- 1 well (MN unique number 216071) was TV-logged prior to 1982 by the Minnesota Department of Health and found not to be a MAW.

Based on the results of this investigation, no further deep MAW are believed to exist in the study area that may require abandonment pursuant to CD-RAP Section 10.1.

4.0 ST. PETER AQUIFER MAW INVESTIGATION RESULTS

A review of the database (Appendix A) indicates the following information for the 318 wells that were identified in the Work Plan as potential St. Peter Aquifer MAW:

- 72 "wells" were given addresses that have no physical location, thus cannot be investigated (e.g. "suspect wells" identified by Hickok, 1983)
- 148 wells were identified by the well owners as being sealed, inaccessible, or reportedly do not exist (e.g. well owner states that there is no well on property)
- 81 wells for which no response was received from the owners, thus cannot be investigated
- 17 wells that were reportedly open or unsealed

The locations of the 17 wells that were reported to be open were compared to the inferred area of contamination in the Drift-Platteville Aquifer and the well W410 (St. Peter Aquifer gradient control well) capture area, as depicted in the CD-RAP Section 10.2 Work plan. None of the 17 wells are located outside the capture zone of well W410, and within the inferred area of contamination of the Drift-Platteville Aquifer.

Based on the results of this investigation, no further St. Peter Aquifer MAW are believed to exist in the study area that may require abandonment pursuant to CD-RAP Section 10.2.

5.0 SUMMARY

None of the wells investigated during this study were determined to be deep MAW or St. Peter Aquifer MAW. On that basis, detailed investigations using geophysical logging, water quality sampling, or other techniques described in the Work Plan were not necessary to complete this study.

The City of St. Louis Park Inspections Department continues to enforce Minnesota Department of Health well abandonment regulations during the normal course of business. As properties in the City are prepared to be bought and sold, the Inspections Department requires that any unused wells are properly abandoned by a licensed water well contractor, in accordance with the Water Well Construction Code, Chapter 4725, before the property can be sold. Therefore, the number of potential conduits for shallow ground water to flow to deeper levels decreases on an on-going basis.

6.0 REFERENCES

- | | |
|-----------------------------------|--|
| City of St. Louis Park, 1993 | "Investigation Plan for Leaking Deep Multi-Aquifer Wells." December, 1993 |
| City of St. Louis Park, 1994 | "Investigation Plan for Leaking Multi-Aquifer Wells in the St. Peter Aquifer", February, 1994 |
| E.A. Hickok and Associates, 1983 | "Technical Memorandum February 16, 1983, Tables Revised, June, 1983: St. Louis Park Well Abandonment Project - Well Search Inventory." |
| Wahl, T.E. and R.G. Tipping, 1991 | "Ground Water Data Management - The County Well Index." Prepared by The Minnesota Geological Survey and the University of Minnesota." |

APPENDIX A
WELL INFORMATION DATABASE

INTRODUCTION

The well information database consists of two sections:

- 72 potential deep MAW for RAP Section 10.1
- 318 potential St. Peter Aquifer MAW for RAP Section 10.2

Each section is sorted by the following codes, found in the far right-hand column of the database:

- Code A - no physical location
- Code B - well owners indicated the wells were sealed, inaccessible, or do not exist
- Code C - no response from well owners
- Code D - open or unsealed wells

Within each grouping of wells with the same code, the wells are listed in order of increasing unique number.

SECTION 1

POTENTIAL DEEP MAW

DEEP MAW

Unique#	Number	Street	Name	Diameter	Static Depth	Code
216104		Salem RR	Interior Elevator			A
216106		NON-RESPONSIVE 6-PII				A
216128			Interior Elevator			A
232514	6006	Excelsior Blvd	Nelson House/ Carny			A
232515		NON-RESPONSIVE				A
232516		NON-RESPONSIVE				A
232518	6506	Cambridge	S & S Welding			A
232519	6510	Cambridge	S & S Welding			A
232539	5025	Excelsior Blvd	Warner Hardware			A
232540	5405	Excelsior Blvd	Ostlund Jewelry			A
232541	5407	Excelsior Blvd	Wooddale Office Building			A
232542		NON-RESPONSIVE				A
232543	5807	Excelsior Blvd	Brent Displays			A
232571		NON-RESPONSIVE				A
232574	4900	Excelsior Blvd	Engleside Dairy			A
232579	2360	Hwy 100	Hall Equipment			A
232598	6414	Lake Street	Home Hardware			A
232606		NON-RESPONSIVE				A
232607		NON-RESPONSIVE				A
232619		Natchez, Mtka SW corner				A
232620		NON-RESPONSIVE				A
232649	7075	Hwy 12	Baker Properties			A
232661	3025	Zarthan	Stember, Lea			A
232681	3550	Brunswick	Pic-a-Pop			A
232683	5721	36th Street	Shotwell Co			A
232707	3924	Dakota	Lampe, A W			A
232896		NON-RESPONSIVE				A
233321		NON-RESPONSIVE				A
233355	3280	Library Lane	Zafft, Greg			A

DEEP MAW

Unique#	Number	Street	Name	Diameter	Static	Depth	Code
233773							A
216091	NON-RESPONSIVE			4"	56'	119'	B
232521	6529 Cambridge		Viking Soap & Chemical				B
232548	2220 Flonda		Copper Sales, Inc				B
232556	NON-RESPONSIVE						B
232582				n/a	n/a	n/a	B
232605	2918 Louisiana		Preston, Geo	n/a	n/a	n/a	B
232615	8015 Minnetonka Blvd		Standard Plumbing				B
232617	NON-RESPONSIVE			2"	70'	85'	B
232618				2"	35'	60'	B
232623	2808 Oregon		Tanke, Ina	2"	n/a	55'	B
232648	6629 Hwy 12		Prestige Lincoln				B
232670	NON-RESPONSIVE						B
232760				1 1/4"	n/a	22'	B
232780				n/a	n/a	n/a	B
232810	3825 Edgewood		Ace Mfg	n/a	n/a	n/a	B
232862	NON-RESPONSIVE						B
232908							B
232920							B
232950							B
232972							B
232981							B
232988							B
232992							B
233325							B
233329							B
233339							B
233346							B
232557							C
232558							C

DEEP MAW

Unique#	Number	Street	Name	Diameter	Static	Depth	Code
232650	NON-RESPONSIVE						C
232651	3521 Webster		Consumer Brokers				C
232660	NON-RESPONSIVE						C
232669							C
232741							C
232751							C
232771							C
232791							C
232904							C
232951							C
233324							C
216071	3245 Raleigh		Northland Aluminum	6"	n/a	n/a	D
232595	NON-RESPONSIVE						D

SECTION 2

ST. PETER AQUIFER

ST. PETER AQUIFER MAW

Unique#	Number	Street	Name	Diameter	Static	Depth	Code
216055	NON-RESPONSIVE						A
216057	5705 35th Street		Belco Elevator				A
216062	NON-RESPONSIVE					160	A
216074			Earlinton res.				A
216075			Oak Hill School				A
216076	NON-RESPONSIVE						A
216079							A
216091				4	56	119	A
216102			Rice Gravel and Sand				A
216105			Max Renners Shop				A
216106			Oxford & Dakota				A
218162	6514 Cambridge		Echo Plastics				A
222944	3501 Webster		Allied Gas Co				A
227901	NON-RESPONSIVE						A
227961							A
231689							A
232502							A
232503							A
232514							A
232515							A
232516							A
232518							A
232519							A
232521							A
232539							A
232540							A
232541							A

ST. PETER AQUIFER MAW

Unique#	Number	Street	Name	Diameter	Static Depth	Code
232542	NON-RESPONSIVE					A
232543						A
232564						A
232568	6425	Goodrich	Automatic Assoc			A
232569	NON-RESPONSIVE					A
232576	7700	Hwy 7	Twin Lakes Messengers			A
232598	NON-RESPONSIVE					A
232606						A
232607						A
232613						A
232619						A
232620						A
232624						A
232634						A
232650						A
232651						A
232660						A
232661						A
232681						A
232683						A
232701						A
232707						A
232741						A
232751						A
232761						A
232766						A
232773						A

ST. PETER AQUIFER MAW

Unique#	Number	Street	Name	Diameter	Static	Depth	Code
232780	NON-RESPONSIVE						A
232809							A
232825							A
232861						106	A
232870							A
232880						100	A
232896							A
232918							A
232949						100	A
232964							A
232971						75	A
232972							A
233320							A
233331							A
233337							A
233347							A
233355							A
233359							A
23325	NON-RESPONSIVE						B
200538	4521 Hwy 7		Gen Office Products	n/a	n/a	n/a	B
206451	6425 Goodrich		Strom Block	4	27	98	B
216064	NON-RESPONSIVE			3"	n/a	160'	B
216071	3245 Raleigh		Northland Aluminum				B
216090	4601 Hwy 7		Professional Instruments	71/2"	n/a	70'	B
232501	NON-RESPONSIVE			2"	n/a	80'	B
232512				4 1/2"	n/a	n/a	B
232565				2"	n/a	105'	B
232582							B
232587				2"	60'	90'	B
232589				2"	60'	74'	B

ST. PETER AQUIFER MAW

Unique#	Number	Street	Name	Diameter	Static	Depth	Code
232590	EXEMPTIO N 6-P11			2"	34'	110'	B
232591				2 5"	n/a	75'	B
232595				4		110	B
232599							B
232602							B
232604				2"	n/a	n/a	B
232605							B
232609				3"	n/a	70'	B
232610				2"	60'	65'	B
232611				2"	30'	45'	B
232617				2	70	85	B
232618				2	35	60	B
232621				2"	45'	70'	B
232622				n/a	n/a	n/a	B
232623				2		55	B
232628				n/a	n/a	n/a	B
232631				n/a	n/a	n/a	B
232632				3"	n/a	n/a	B
232640				n/a	n/a	n/a	B
232641				2"	30'	65'	B
232642				2"	n/a	80'	B
232657							B
232674				4		120	B
232677				2		118	B
232684				2"	60'	71'	B
232686				4"	36'	108'	B
232702				4"	n/a	90'	B

ST. PETER AQUIFER MAW.

Unique#	Number	Street	Name	Diameter	Static	Depth	Code
232703	NON-RESPONSIVE			1 25"	n/a	24'	B
232742				4"	50'	72'	B
232744				n/a	n/a	n/a	B
232745				n/a	n/a	n/a	B
232746							B
232747				2"	n/a	n/a	B
232748							B
232750							B
232752							B
232753				2"	n/a	n/a	B
232757							B
232759				n/a	n/a	n/a	B
232760				1 1/4"		22'	B
232762				2"	50'	75'	B
232764							B
232767				2"	n/a	70'	B
232769				4"	n/a	n/a	B
232771							B
232772				2"	105'	115'	B
232774							B
232778				n/a	n/a	n/a	B
232781				n/a	n/a	n/a	B
232783				1 1/4"	n/a	21'	B
232784				2"	n/a	60'	B.
232787				n/a	n/a	n/a	B
232788				2"	50'	75'	B
232790				2"	45'	52'	B
232793							B

ST. PETER-AQUIFER MAW

Unique#	Number	Street	Name	Diameter	Static	Depth	Code
232795	NON-RESPONSIVE			3"	50'	180'	B
232796				n/a	n/a	n/a	B
232797				n/a	n/a	n/a	B
232799				4"	n/a	n/a	B
232800							B
232804				2"	35'	60'	B
232808				n/a	n/a	n/a	B
232810	3825 Edgewood	Ace					B
232814	NON-RESPONSIVE			4"	n/a	n/a	B
232815				n/a	n/a	n/a	B
232817							B
232818				4"	n/a	60'	B
232827				2"	n/a	70'	B
232828				3"	80'	120'	B
232831				2"	n/a	n/a	B
232837				4"	27'	110'	B
232839				2"	50'	100'	B
232841							B
232842				n/a	n/a	n/a	B
232845				2"	n/a	90'	B
232847				n/a	n/a	n/a	B
232851				2"	55'	80'	B
232856						156	B
232862							B
232865				3			B
232866							B
232867							B

ST. PETER AQUIFER MAW

Unique#	Number	Street	Name	Diameter	Static Depth	Code
232871	NON-RESPONSIVE			2		B
232873						B
232878						B
232885						B
232892						B
232895						B
232901				2	40	B
232902					84	B
232905						B
232908				2 1/2		B
232910						B
232911						B
232914						B
232915					150	B
232919						B
232921				4	110	B
232923						B
232924						B
232926						B
232934					80	B
232936						B
232938					140	B
232940						B
232947					150	B
232948					175	B
232950						B
232952						B
232956					80	B

ST. PETER AQUIFER MAW

Unique#	Number	Street	Name	Diameter	Static Depth	Code
232962	[REDACTED]	[REDACTED]	[REDACTED]		80	B
232977						B
232981						B
232982						B
232988						B
233308				2		B
233309						B
233311						B
233312						B
233313						B
233314						B
233317						B
233321						B
233323						B
233328						B
233339						B
233341						B
233342				3		B
233344						B
233345						B
233346						B
233349						B
233353						B
233360						B
233362						B
233364				2	56	B
233365				2 1/2		B

EXEMPTIO
N 6-P11

ST. PETER AQUIFER MAW

Unique#	Number	Street	Name	Diameter	Static	Depth	Code
216029	NON-RESPONSIVE						C
216089	4925 Hwy 7		Park Pet hospital				C
232511	NON-RESPONSIVE						C
232513							C
232532							C
232549							C
232575							C
232592							C
232597				n/a	n/a	n/a	C
232601							C
232633							C
232643							C
232645							C
232656							C
232663							C
232685							C
232688							C
232695							C
232775							C
232776							C
232777				C			
232779				C			
232782				C			
232786				C			
232789				C			
232791				C			
232794				C			

ST. PETER AQUIFER MAW

Unique#	Number	Street	Name	Diameter	Static Depth	Code
232798	<div>EXEMPTI ON 6-PII</div>					C
232803						C
232805						C
232811						C
232819						C
232821						C
232823						C
232826						C
232844						C
232849						C
232850						C
232852					100	C
232855						C
232859						C
232868						C
232869						C
232874						C
232877					100	C
232881						C
232883						C
232890						C
232894						C
232903						C
232904						C
232906						C
232912						C
232916						C
232917						C

ST. PETER AQUIFER MAW

Unique#	Number	Street	Name	Diameter	Static Depth	Code
232920	<div>EXEMPTIO</div> <div>N 6-PII</div>					C
232922						C
232927						C
232932						C
232933						C
232946					170	C
232961						C
233318						C
233319						C
233324						C
233326						C
233328						C
233329						C
233332						C
233334						C
233335						C
233336						C
233338						C
233340						C
233348						C
233351						C
233352						C
233354						C
233356						C
233357						C
233358						C

ST. PETER AQUIFER MAW

Unique#	Number	Street	Name	Diameter	Static	Depth	Code
232550	3813 Kipling Ave.	Kennedy Equipment		2"	n/a	n/a	D
232612	NON-RESPONSIVE			n/a	n/a	n/a	D
232680				n/a	n/a	n/a	D
232749				2"	n/a	n/a	D
232770				3"	n/a	n/a	D
232833				2"	n/a	n/a	D
232843				2"	n/a	n/a	D
232846				4"	n/a	210'	D
232848				2"	n/a	n/a	D
232864						86	D
232875						80	D
232882							D
232889							D
232893				4			D
232900				2			D
232935							D
232937							D